

Performance Sonification



Founder, Performance Sonification Corp.

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About

I currently work as an apprentice mechanic at a local bike shop and am the founder of Performance Sonification Corp., a company that builds, tests, and develops motion sonification units for use in high-performance athletics. We build ultra fast, ultra low-latency embedded sensor systems (wearables) that track body position and convert it into sound. This deeply integrative work combines neuroscience, phenomenology, and sport engineering. I am currently an associate member of the [Centre for Philosophy of Memory](#) and was previously a university instructor and postdoctoral researcher.

Past Academic Appointments

- 2022. [University of British Columbia](#) (BC, Canada): Philosophy Lecturer.
- 2020–21. [York University](#) (ON, Canada): Philosophy and Cognitive Science Instructor.
- 2018–20. [University of Toronto](#) (ON, Canada): Postdoctoral Research Fellow at the Network for Sensory Research.
- 2018. [Lebanon Valley College](#) (PA, United States): Philosophy Instructor.
- 2016–17. [Kutztown University of Pennsylvania](#) (PA, United States): Visiting Assistant Professor of Philosophy.
- 11–12, 16. [Lone Star College](#) (TX, United States): Philosophy Instructor.
- 2012–13. [Rice University](#) (TX, United States): Research Assistant for The Senses Project at Rice.
- 2011. [Houston Community College](#) (TX, United States): Philosophy Instructor.

Education

- 2015. Ph.D. Philosophy. Rice University.
- 2011. M.A. Philosophy. Rice University.
- 2009. B.A. Philosophy, minors in Maths and Physics. Kutztown University of Pennsylvania.

Academic Publications

- ‡2021. Barkasi, Michael, “[Memory as sensory modality, perception as experience of the past](#)”, *Review of Philosophy and Psychology*. [10.1007/s13164-021-00598-7](https://doi.org/10.1007/s13164-021-00598-7)
- 2021. Barkasi, Michael, “[What blindsight means for the neural correlates of consciousness](#)”, *Journal of Consciousness Studies*, 28(11–12): 7–30. [10.53765/20512201.28.11.007](https://doi.org/10.53765/20512201.28.11.007)
- 2021. Rosen, Melanie G. and Barkasi, Michael, “[What makes a mental state feel like a memory: Feelings of pastness and presence](#)”, *Estudios de Filosofía*, 64: 95–122. [10.17533/udea.ef.n64a05](https://doi.org/10.17533/udea.ef.n64a05)
- 2021. Barkasi, Michael, “[Are there epistemic conditions necessary for demonstrative thought?](#)”, *Synthese*, 198(7): 6111–6138. [10.1007/s11229-019-02453-w](https://doi.org/10.1007/s11229-019-02453-w)
- 2021. Barkasi, Michael, “[What should the sensorimotor enactivist say about dreams?](#)”, *Philosophical Explorations*, 24(2): 243–261. [10.1080/13869795.2021.1908575](https://doi.org/10.1080/13869795.2021.1908575)
- 2021. Barkasi, Michael, “[Does what we dream feel present? Two varieties of presence and implications for measuring presence in VR](#)”, *Synthese*, 199: 2525–2551. [10.1007/s11229-020-02898-4](https://doi.org/10.1007/s11229-020-02898-4)

2020. Barkasi, Michael, “[Some hallucinations are experiences of the past](#)”, *Pacific Philosophical Quarterly*, 101(3): 454–488. [10.1111/papq.12320](#)
2020. Barkasi, Michael and Rosen, Melanie G., “[Is mental time travel real time travel?](#)”, *Philosophy and the Mind Sciences*, 1(1): 1–27. [10.33735/phimisci.2020.1.28](#)
2019. Barkasi, Michael, “[The role of experience in demonstrative thought](#)”, *Mind & Language*, 34(5): 648–666. [10.1111/mila.12228](#)
- †2008. Holowchak, M. Andrew with Barkasi, Michael, “[An impromptu visit to Rien-à-Faire: A tribute to Bernard Suits](#)”, *Journal of the Philosophy of Sport*, 35(2): 111–119. [10.1080/00 948705.2008.9714733](#)

† Special issue introduction

‡ Runner up, [Philosophy of Memory Essay Prize](#) (2021), Centre de Philosophie de la Mémoire (Centre for Philosophy of Memory), Université Grenoble Alpes

Academic Papers in Progress

- *202x. Barkasi, Michael, “[Remembering what your brain doesn’t](#)”, in *Reference in Remembering*, edited by James Openshaw, Kourken Michaelian, and Denis Perrin. (Book proposal under review)
- *202x. Barkasi, Michael, “[When is now? How temporally shifting dreams illuminate the feeling of pastness](#)”, in *Dreaming and Memory: Philosophical Issues*, edited by Daniel Gregory and Kourken Michaelian. Springer. (Under Contract)

* Invited

Popular Publications

- *2022. Barkasi, Michael, “[Perceiving is imagining the past](#)”, *The Junkyard: A Scholarly Blog Devoted to the Study of Imagination*, January 12.
2021. Barkasi, Michael, “[What dreams and smartphones can teach VR developers about presence](#)”, *LinkedIn*, August 12.
2021. Barkasi, Michael, “[How digital fluency isolates us](#)”, *Medium*, March 16.

* Invited

Academic Presentations

- *2022. “[Remembering what your brain doesn’t](#)”, Bochum-Grenoble Memory Colloquium, Ruhr Universität Bochum and Université Grenoble Alpes. Virtual Talk. April 12.
- *2022. “[Audioproprioceptive sensory substitution: A test case for acquaintance](#)”, Mind and Perception Group Speaker Series, Washington University in St. Louis. Virtual Talk. January 28.
- *2021. “[Sonifying explosive sport movements: How, why, and what it shows about bodily awareness](#)”, Cognition, Action, & Perception Speaker Series, University of Cincinnati. Virtual Colloquium Talk. October 29.
2021. “[Perception as experience of the past](#)”, The 95th Joint Session of the Aristotelian Society and the Mind Association. Open Session. Virtual Conference. July 16–18.
2021. “[Some hallucination is experience of the past](#)”, American Philosophical Association (APA) Pacific Division Meeting. Colloquium paper. Virtual Conference. April 5–10.
- *2021. “[The nonimmersive feeling of pastness as the phenomenal manifestation of remembering](#)”, *Dreaming and Memory*, a conference hosted jointly by the Philosophy of Neuroscience Group (Tübingen) and the Centre for Philosophy of Memory (Université Grenoble Alpes). Virtual Conference. February 22–23.
2021. “[Does what we dream feel present? Two varieties of presence](#)”, American Philosophical Association (APA) Eastern Division Meeting. Colloquium paper. Virtual Conference. January 15.

2020. “[Is mental time travel real time travel?](#)”, w/ Melanie G. Rosen, 112th Annual Meeting of the Southern Society for Philosophy and Psychology (SSPP). Contributed Session: Memory. Virtual Conference. December 3–5.
2019. “[Conscious blindsight—but still unconscious sight](#)”, 45th Annual Meeting of the Society for Philosophy and Psychology (SPP). Contributed Session: Consciousness and Cognition. San Diego, California. July 10–13.
2019. “[What should the externalist say is missing from dream experience?](#)”, *Dreams, Hallucinations and Imagination*, a workshop by the Centre for the Study of Perceptual Experience. University of Glasgow. Glasgow, Scotland. February 23–24.
2019. “[The role of visual representations in seeing](#)”, American Philosophical Association (APA) Central Division Meeting. Colloquium paper. Denver, Colorado. February 20–23.
2016. “[Distinguishing perception and cognition via the perceptual landscape](#)”, *Rice Summer Workshop on the Interface Between Perception and Thought*. Rice University. Houston, Texas. May 5–6.
2014. “[An argument for naïve realism from demonstrative thought](#)”, American Philosophical Association (APA) Pacific Division Meeting. Colloquium paper. San Diego, California. April 16–20.
2014. “[A user’s guide to epistemic modals](#)”, American Philosophical Association (APA) Central Division Meeting. Colloquium paper. Chicago, Illinois. February 26–March 1.
2013. “[Introducing objects for thought: or, why we need to revisit an old argument for naïve realism](#)”, *Perception and Concepts*, the 9th International Symposium of Cognition, Logic and Communication. University of Latvia. Riga, Latvia. May 16–18.
2011. “[Getting straight on epistemic modals](#)”, The Arché/CSMN Graduate Conference. University of St Andrews. St Andrews, Scotland. October 8–9.
2008. “[Plato’s generation of number in the *Parmenides*](#)”, The 26th annual joint meeting of Society for Ancient Greek Philosophy (SAGP) with the Society for the Study of Islamic Philosophy (SSIPS). New York, New York. October 24–26.

* Invited

Workshop Organizing

2019. Co-organized [Experiencing What’s Not There: A Workshop on Hallucinations, Dreams, Imagination, and Virtual Reality](#), w/ Mohan Matthen, as part of the Network for Sensory Research. Hosted at the University of Toronto (St. George campus). June 7–8.
2013. Co-organized [How Perception Makes Things Available for Thought](#), w/ Casey O’Callaghan, as part of the Senses Project at Rice. Hosted at Rice University. November 8–9.

Journal Refereeing

I have served as an *ad hoc* peer-reviewer for the following academic journals and conferences.

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| – <i>Journal of Philosophy</i> | – <i>Philosophical Quarterly</i> |
| – <i>Australasian Journal of Philosophy</i> | – <i>Dialectica</i> |
| – <i>Philosophical Transactions of the Royal Society: Biological Sciences</i> | – <i>Philosophical Psychology</i> |
| – <i>Mind and Language</i> | – <i>Journal of the American Philosophical Association</i> |
| – <i>Thought</i> | – <i>Grazer Philosophische Studien</i> |
| – <i>Synthese</i> | – <i>Society for Philosophy and Psychology Annual Meeting</i> |

University Teaching

Courses listed by the last term taught, not all sections at all schools listed. All courses taught at the undergraduate level.

- 2022s. Phil 446: [Philosophy of Psychology](#) (University of British Columbia).*
- 2021s. Cogs/Phil 3750: [Philosophy of Artificial Intelligence](#) (York University).*
- 2020f. Cogs/Phil 2160: [Minds, Brains, and Machines](#) (York University).*
- 2018s. Phil 110: [The Examined Life](#) (Lebanon Valley College).
- 2017s. Phi 280: [American Philosophy: Pragmatism](#) (Kutztown University).
- 2017s. Phi 030: [Introduction to Philosophy](#) (Kutztown University).
- 2016f. Phi 235: [Topics in Moral Theory: Virtue Ethics](#) (Kutztown University).
- 2015s. Fwis 129: [Objectivity in Perception](#) (Rice University).
- 2014r. Phil 106: [Logic](#) (Rice University).
- 2011f. Phil 2306: [Introduction to Ethics](#) (Lone Star College).

* online course, s = spring/winter term, f = fall term, r = summer term

Awards

- 2021. Runner up, [Philosophy of Memory Essay Prize](#), Centre de Philosophie de la Mémoire (Centre for Philosophy of Memory), Université Grenoble Alpes. “Memory as sensory modality, perception as experience of the past”
- 2015. [Robert Alan and Kathryn Dunlevie Hayes Dissertation Completion Fellowship](#). Department of philosophy, Rice University.
- 2009. [Dr. Carlson R. Chambliss Academic Achievement Award](#) (Silver). Kutztown University of Pennsylvania.